

Cytochrome C Antibody

Lot Number: RI2273043E
Product Data Sheet

Tested Species Reactivity
Human (Hu)
Mouse (Ms)
Rat (Rt)

Tested Applications	Dilution *
Western Blot (WB)	1:500-1:3000
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	PA5-28856
Size:	100 µL
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit / IgG
Immunogen:	Recombinant fragidment corresponding to a region within amino acs 1 and 105 of Human Cytochrome C

Form Information	
Form:	Liquid
Concentration:	1mg/ml
Purification:	Antigen affinity chromatography
Storage Buffer:	0.1M tris glycine, pH 7, with 10% glycerol
Preservative:	0.01% thimerosal
Storage Conditions:	-20° C, Avoid Freeze/Thaw Cycles

Product Specific Information	General Information
<p>PA5-28856 targets Cytochrome C in IHC (P), and WB applications and shows reactivity with Human, mouse, and Rat samples.</p> <p>The PA5-28856 immunogen is recombinant fragment corresponding to a region within amino acids 1 and 105 of Human Cytochrome C.</p> <p><i>For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.</i></p>	<p>This gene encodes cytochrome c, a component of the electron transport chain in mitochondria. The heme group of cytochrome c accepts electrons from the b-c1 complex and transfers electrons to the cytochrome oxidase complex. Cytochrome c is also involved in initiation of apoptosis. Upon release of cytochrome c to the cytoplasm, the protein binds apoptotic protease activating factor which activates the apoptotic initiator procaspase 9. Many cytochrome c pseudogenes exist, scattered throughout the human genome.</p>

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